

In December 1978, BP completed a quarter-century in the Canadian oil industry. It began with a \$5 million investment in the Calgary-based exploration and production firm of Triad Oil; now, with assets exceeding \$700 million, BP Canada ranks as the fifth largest integrated petroleum company in the country.

During those 25 years, BP has:

Increased its production of crude oil to over 20,000 barrels per day.

Built natural gas production from zero to some 110 million cubic feet per day.

Extended its natural-resources interests into coal, oil sands and minerals.

Developed refining capacity of 160,000 barrels per day in Quebec and Ontario.

Created a marketing network selling more than a billion gallons of refined products annually.

Established a work force of over 4,000 employees and, indirectly, given employment to many thousands of other Canadians.

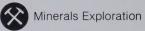
More enduring than such statistics, however, is the reputation for good corporate citizenship which BP Canada has earned through the efforts of its employees over the years.

Entering a second quarter-century, BP Canada remains committed to working to develop the country's resources in the best interest of Canadians, meeting their energy needs and contributing to their wellbeing.





















Highlights for the year 1978

with 1977 figures shown on a comparable basis

	1978	1977	% change
		ousands of dollars as otherwise stated))
Financial			
Net income for the year Net income per share (dollars) Return on average capital	\$ 37,261 1.77	\$ 40,290 1.91	- 7.5 - 7.3
employed (%)	8.02 391,796 842,291 81,263	9.26 363,901 737,200 84,427	-13.4 + 7.7 + 14.3 - 3.7
Expenditures on property, plant, equipment and research costs	62,857	75,500	— 16.7
Operating		(barrels per day)	
Refined product sales Crude oil processed at refineries	111,011 112,778	107,552	+ 3.2 -11.7
gas liquids	20,464	22,128	- 7.5
	(thousar	nds of cubic feet pe	er day)
Gross sales of natural gas	109,535	122,685	-10.7

The Company's capital stock is listed for trading on the Montreal, Toronto and Vancouver stock exchanges. Cash dividends paid and the high and low prices of the Company's common shares on the Toronto Stock Exchange for the last two years are shown in the table.

	1978			1977		
	Divide Paid	nds High	Low	Divide: Paid	nds High	Low
First quarter Second quarter Third quarter Fourth quarter	¢ 12 12 12 13	\$ 17% 16% 19 21½	\$ 14 12 ⁷ / ₈ 14 ⁷ / ₈ 16 ³ / ₄	¢ 11 11 11	\$ 111/8 14 141/2 18	\$ 8% 10% 12% 12½
Year	49	211/2	12%	44	18	8%

The Annual and General Meeting of shareholders of BP Canada Limited will be held at 11:00 a.m., Friday, 27th April, 1979 in the Ritz-Carlton Hotel, Montreal.

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Report to the Shareholders

At the end of last year, BP celebrated the twenty-fifth anniversary of its entry into the Canadian oil industry. Regrettably, however, the Company's earnings did not quite rise to the occasion. After a poor start, net income for our Silver Jubilee year finally climbed to within \$3 million of our record earnings in 1977.

The decline in net income was concentrated entirely in our refining and marketing operations, where margins weakened in the face of strong competition stemming from the continuing surplus capacity in that sector. The pressure on margins was particularly pronounced in the first half of the year; towards the end of the third quarter, however, prices began to move to more satisfactory levels and this improvement has so far been maintained in 1979. Even so, in December 1978 prices were still below the levels permitted under the Anti-Inflation Programme, the shortfalls from permitted prices ranging from almost 2 cents a gallon for regular gasoline to almost 5 cents a gallon for heavy

Earnings in the exploration and production sector were slightly higher than in 1977, with the increase in prices obtained for crude oil and natural gas more than offsetting the reduction in volumes produced.

Last year was an eventful and difficult one for the industry and for BP Canada, presenting challenges in all our many activities. That we emerged relatively unscathed, with

successes outweighing disappointments, was in no small measure due to the energy and dedication which the Company's employees applied to solving the many problems we encountered. I thank all of them and, on your behalf, take this opportunity to express the Company's sincere appreciation for their devotion and loyalty.

On the world scene, after months of speculation, the Organization of Petroleum Exporting Countries (OPEC) announced in December that crude oil prices would be increased in stages in 1979, the net effect being a total increase of 14.5 per cent during the course of the year. Already, however, because of the supply disruption caused by the revolution in Iran, prices for spot crude oil cargoes in world markets have increased as much as 50 per cent, and some crude oil producing countries have responded by raising their official prices beyond the levels set by OPEC in December.

BP Canada, in common with all other customers of the BP Group. has had its offshore crude oil availability sharply reduced as a result of the Iranian situation. Fortunately, the Company has been able to make good the shortfall in the first quarter of 1979 by arranging to supply western Canadian crude oil to northern-tier United States refiners in exchange for foreign crude oil to be delivered to Montreal Refinery. It is our hope that, to the extent necessary, similar arrangements can be made to cover the anticipated shortfall in our crude oil supplies to Montreal in the second quarter. Only about 11 per cent of BP Canada's crude oil requirements are supplied by imports, all of which go to Montreal Refinery

The Iranian supply disruption has again concentrated attention on Canada's energy situation, particularly on the question of security of supply. The main thrust of Canadian policy in this regard should continue to be the encouragement of energy conservation while at the same time ensuring that no impediments are placed in the way of developing Canada's energy potential to the full. One essential requirement for the achievement of the latter is to ensure that markets are available for new sources as they are discovered. This is particularly important in the case of natural gas, where exploration successes

in recent years have established

reserves well in excess of Canada's medium-term domestic requirements.

Some of this "surplus" gas can realistically be used in Canada, both by expanding existing markets and by extending the pipeline system somewhat further eastward in Quebec. However, as the National Energy Board has recently recognized, the opportunity also exists to increase exports of natural gas to the United States. BP Canada has dedicated some of its surplus gas to export applications by others.

So far, all the gas export proposals which have been announced relate to Alberta gas. In view of the relatively low level of surplus gas assessed by the National Energy Board to be available for export, it is to be hoped that proposals for the export of surplus British Columbia gas will soon be forthcoming. Your Company has developed large reserves of natural gas in the Monkman area of northeastern British Columbia, which were recently added to by the new discovery at West Sukunka. Gas from this area is scheduled to begin flowing to markets within the province in November; overall, in British Columbia, the potential production from the reserves already established by industry is, we believe, sufficient to allow some exports of gas to the United States as well.

Work continued throughout 1978 at our Sukunka metallurgical coal property, also in the Monkman area. Engineering studies have been completed and the development plan will be ready by June, by which time BP will have invested some \$45 million in the project. It is planned to develop the mine in two phases. In the first phase, production would begin in 1981 and capacity would build up to one million tons per annum of saleable coal by 1983; during the second phase, output would increase to the full potential of three million tons per annum of saleable coal by about 1987.

The achievement of this schedule turns on a number of factors which are, to a considerable extent, outside our control. Most important are the need to obtain firm purchase contracts for the coal—which, in turn, depends on a recovery in the world steel industry—and an early commitment by the British Columbia Railway to build a branch line to the mine site. Both objectives are being vigorously pursued at this time.

Toward the end of 1978, we announced our first oil discovery in the West Pembina area of Alberta. The well, drilled in equal partnership with another company, flowed on test at a rate of 3,570 barrels per day of low-sulphur crude oil with a net oil pay considerably above the average for discoveries in the area.

At the Annual and General Meeting you will be asked to approve changing the name of your Company to BP Canada Inc., and its continuation under the Canada Business Corporations Act. BP Canada Limited is presently an Ontario corporation, while its principal operating subsidiaries—BP Oil Limited and BP Exploration Canada Limited—and a number of others are federally incorporated. Your Board of Directors feels it would be more appropriate for BP Canada, as the parent of these subsidiaries, to operate under the same jurisdiction, and that, having regard to the national scope of the Company's activities, this should be the federal jurisdiction. The proposed change of name of the Company makes it acceptable in both the English and French languages.

At the end of last year, 11,410 of the Company's 5 per cent cumulative redeemable sinking fund prefererence shares were outstanding. Your Directors recently decided to redeem this small number of shares on March 26th, 1979 at \$103 per share plus accrued dividend to the

redemption date.

Finally I would like to take this opportunity to express my appreciation to the members of the Board of Directors for their services over the past year. This experienced and representative group has provided invaluable support and advice to the officers, not only at formal meetings of the Board and its several Committees, but also informally in private discussion. I am happy to be able to report that all Directors have consented to stand for reelection for the coming year.

1 Further

D.F. Mitchell Chief Executive Officer

March 15, 1979

Exploration and Production



A drilling rig on location at Cynthia in the West Pembina area of Alberta, where BP and a partner announced an oil discovery toward year end.

In an active year, BP continued a successful oil and gas exploration and production programme; commissioned its Cold Lake pilot project for heavy oil production; undertook further development work for its first coal mine; and maintained an active mineral exploration programme. Some \$53 million, representing about four-fifths of the Company's capital expenditures in 1978, was devoted to natural-resource exploration and production.

Oil and Gas

BP's earnings from its oil and gas activities improved only slightly over 1977, as the higher prices received were largely offset by a reduction in sales volumes and by higher operating costs.

In common with the rest of the industry, BP's average gross production of crude oil and natural gas liquids declined, reflecting the government's progressive phasing-out of exports and a natural decline in production from some of the Company's fields. BP's production was 20,464 barrels per day compared to 22,128 barrels per day in 1977.

Natural gas production was also somewhat lower, at 109.5 million cubic feet per day against 122.7 million cubic feet in 1977. Purchasers were unable to accept all the gas they had contracted to buy. Some 3.04 billion cubic feet of BP gas (equal to 8.6 million cubic feet per day) which had been contracted for sale on a "take-or-pay" basis was not taken by the purchasers. The Company received cash payments in the amount of \$3.71 million in respect of this gas. Sulphur sales declined from 113,000 to 91,000 tons, but the average price rose from \$12.90 to \$14.57 per ton.

BP participated in the drilling of 48 exploratory wells, which resulted in 19 gas discoveries and 3 oil discoveries; it also participated in 232 development wells (including 7 service wells), which resulted in 183 gas wells and 29 oil wells. The Company also secured petroleum and natural gas rights on an additional 26,947 net acres in Alberta and British Columbia.

Alberta

In the southern part of the province, at the Monogram unit where BP has a 33½ per cent interest, 58 shallow wells were drilled to maintain existing production and to increase gas capacity by four million cubic feet.

At Grande Prairie in the Deep Basin area, where BP holds a 20 per cent interest in 17 townships of leases, six exploratory wells were drilled during the year. Four of these established gas on drillstem test, with one well flowing at a rate of 29.7 million cubic feet per day. However, some of these wells, together with others drilled in 1977, require production evaluation to determine their commercial capability. Five additional exploratory wells were drilling in early 1979.

Oil was discovered near year end by the Getty Pembina 1-34 exploratory well (BP 50 per cent) in the Nisku Reef play at West Pembina. The well flowed on test at a rate of 3,570 barrels per day of oil through a half-inch choke. In early 1979, This "heater-treater" at BP's heavy oil pilot plant near Cold Lake, Alberta, separates oil from water after both have been produced from underground oil sands.



exploratory drilling was under way three miles to the northeast, where BP also has a 50 per cent interest. Seismic activity is continuing and it is expected that additional drilling will be undertaken in 1979. BP holds interests varying from 50 to 100 per cent in 10,398 acres in this area.

Some 100 miles due east of Calgary, in the Hutton area, 20 gas development wells were completed by BP in the Medicine Hat gas zone (in which the Company's interests vary from 17.5 to 25 per cent). In addition to that programme, 13 deeper wells were drilled, of which one found oil, seven found deeperzone gas and three were plugged back to the Medicine Hat gas zone for future completion.

In the Belly River 'M' unit in the Pembina area, where BP has a 39.4 per cent interest, six infill wells were drilled, of which two were water injection wells and four oil producers. The results were encouraging and an eight-well programme is being undertaken in 1979.

British Columbia

In the Monkman Foothills area, three wells were drilled. Twenty miles southeast of the Bullmoose gas field, BP et al Murray River d-48-1, an earning exploratory well drilled on a farmout, was a gas discovery. On production test, the well flowed 19 million cubic feet per day from the Upper Triassic. BP's interest is 25 per cent. The BP AEG West Sukunka c-45-J exploratory well, in which the Company holds a



This ducting carries fresh air into BP's coal workings near Chetwynd, British Columbia.

50 per cent interest, was also a gas discovery and flowed on drillstem test from the Upper Triassic at the rate of 20 million cubic feet per day. The well is located six miles west of the Sukunka gas field. Preliminary samples indicated an acid gas content of about 17 per cent — lower than that in nearby fields. The BP AEG Bullmoose a-22-E well (BP 80 per cent), a five-mile southern stepout on the Bullmoose structure. was unsuccessful. An exploratory well, Quasar et al Quintette a-89-E, which will earn BP a 25 per cent interest in a 41,218-acre permit, was still drilling in March 1979 six miles southeast of the Murray River gas discovery.

In the Pouce Coupé area, the BP et al Doe Creek 11-1 exploratory well (BP 50 per cent) was a gas discovery. Some 200 gross feet of Wabamun gas pay and a thin Bluesky gas pay zone are present. Production tests of the Wabamun zone indicate that the well is capable of sustained production at the rate of 1.2 million cubic feet per day.

Frontier Areas

In the Bent Horn area on Cameron Island in the Arctic, where BP holds a 3.3 per cent interest, Panarctic drilled an unsuccessful deep exploratory well, Panarctic et al Bent Horn A57, some two miles north of an oil discovery in the Devonian carbonates.

	7	
Gross quantities sold — crude oil and natural gas liquids	1978	1977
	barrels	per day
Alberta Redwater Pembina Chauvin Swan Hills South Sturgeon Kaybob South Harmattan Others	3,341 2,099 1,938 1,776 1,540 1,184 632 2,275	3,107 2,289 2,156 1,497 1,524 1,448 747 3,401
Total Alberta	14,785	16,169
British Columbia Beatton River Others Total British Columbia	733 23 756	826 32 858
Saskatchewan Dollard Kenosee Weyburn Steelman Others Total Saskatchewan Total all areas	1,430 562 475 378 2,078 4,923	1,438 578 531 437 2,117 5,101
- Total all alcas	20,404	22,120

Reserves (gross before royalty)	Oil and natural gas liquids (barrels)	Natural gas (billion cubic feet)
Proven reserves at December 31, 1977 Add:	84,019,600	1,089.825
Discoveries and extensions Net revisions to existing reserves	3,143,900 624,000	25.319 —11.734
Less:	3,767,900	13.585
Production during 1978	7,469,600	39.980
Proven reserves at December 31, 1978	80,317,900	1063.430
Location of reserves by province:		
Alberta Saskatchewan British Columbia	65,093,600 13,503,000 1,721,300	702.090 2.445 358.895

Gross sales –	1978	1977
Alberta Edson Atmore Craigend Mongram Unit Pembina Sullivan Lake Cessford Harmattan Elkton Bellis South Kaybob South Kaybob Notikewin Okotoks East Calgary	27.5 5.7 5.3 5.3 2.6 1.8 1.8 1.7 1.6 1.4	cubic feet day) . 35.5
Gote D 37 Others	23.7	18.1
Total Alberta	82.4	95.5
Other provinces	27.1	27.2
Total all areas	109.5	122.7

Summary of drilling	Oil	Gas	Dry
Exploratory wells	2	0	14
Working Interest Farmout		9	
(interest retained)	1	10	12
Development wells Working Interest Farmout	20	165	8
(interest retained)	9	18	5

(This table excludes 7 service wells)

Landaummary	Decem	December 31, 1978		nber 31, 1977
Land summary	gross acres	net acres	gross acres	net acres
Leases Arctic Islands Alberta British Columbia Saskatchewan Ontario Northwest Territories	215,805 2,608,249 541,294 78,567 — 147,089	8,311 1,123,087 271,799 25,407 16,814	105,632 1,796,812 354,360 124,969 25,995 253,472	3,533 1,012,217 242,328 58,462 11,001 64,924
	3,591,004	1,445,418	2,661,240	1,392,465
Reservations & permits Alberta British Columbia Northwest Territories Arctic Islands East Coast North Sea — Great Britain	390,082 932,971 521,000 6,650,430 13,454,113 — 21,948,596	140,622 369,691 252,106 740,585 8,023,475 — 9,526,479	1,954,954 1,108,029 2,210,134 6,723,552 13,717,377 51,323 25,765,369	765,492 454,520 680,208 908,477 8,199,198 5,774
Major options Alberta/British Columbia	93,798	25,207	93,798	25,207
Total petroleum & natural gas acreage Coal	25,633,398 90,495 896,980 256,000	10,997,104 86,801 550,285 256,000	28,520,407 107,773 620,810	12,431,341 73,314 355,631
Total	26,876,873	11,890,190	29,248,990	12,860,286

The Company did not contribute to the cost of this well, which Panarctic announced would be its last attempt to extend the field.

Two wells in which BP has a small interest were drilled in the Drake Point gas field. One is a gas well and the other, in which BP did not participate, proved dry and was abandoned.

In early 1979, a 9,500-foot exploratory well, Phillips Aquitaine et al Hazen F54, was spudded on the Hazen Strait permits in the Sverdrup Basin. The well is drilling in 800 feet of water from an ice platform. BP has a 6.2 per cent interest in this 931,000-acre block, which lies northwest of the Hecla gas field and is adjacent to the recent Roche Point gas condensate discovery.

In the Labrador Sea, the group for which BP is operator (BP 60 per cent, which will reduce to 45 per cent when Petro-Canada earns its 15 per cent interest) completed a seismic programme and submitted a successful application for 15 Newfoundland provincial permits. These permits total some 4.8 million acres and lie within the 13-million acre area covered by existing federal permits. An exploratory well will probably be drilled in this area during the summer of 1979.

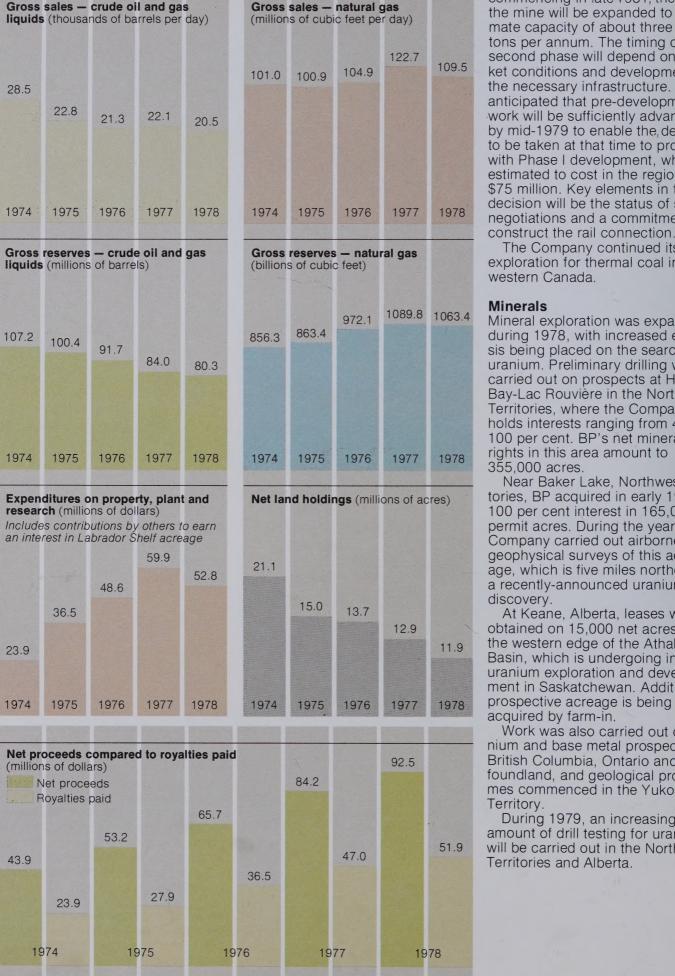
Non-Conventional Crude

The heavy-oil pilot plant at Marguerite Lake, in the Cold Lake region of northeastern Alberta, began operating in June and the first oil was produced the following month. Some of the pilot production is used as fuel to generate steam for the project; the remainder is sold for refining. Initial production results have met BP's expectations.

Coal

Activities continued throughout 1978 at the Sukunka coal project south of Chetwynd, in northeast British Columbia. These included underground test-mining, surface geological mapping and exploration drilling. Mine engineering studies are nearing completion and the British Columbia Railway is well advanced in its feasibility study for a rail connection to the mine site from Chetwynd.

The current plan is to develop the mine in two phases. Phase I will have an initial capacity to produce one million tons per annum of saleable coal, with production



commencing in late 1981; thereafter, the mine will be expanded to an ultimate capacity of about three million tons per annum. The timing of the second phase will depend on market conditions and development of the necessary infrastructure. It is anticipated that pre-development work will be sufficiently advanced by mid-1979 to enable the decision to be taken at that time to proceed with Phase I development, which is estimated to cost in the region of \$75 million. Key elements in this decision will be the status of sales negotiations and a commitment to

The Company continued its exploration for thermal coal in

Mineral exploration was expanded during 1978, with increased emphasis being placed on the search for uranium. Preliminary drilling was carried out on prospects at Hornby Bay-Lac Rouvière in the Northwest Territories, where the Company holds interests ranging from 45 to 100 per cent. BP's net mineral rights in this area amount to

Near Baker Lake, Northwest Territories, BP acquired in early 1978 a 100 per cent interest in 165,000 permit acres. During the year the Company carried out airborne geophysical surveys of this acreage, which is five miles northeast of a recently-announced uranium

At Keane, Alberta, leases were obtained on 15,000 net acres on the western edge of the Athabasca Basin, which is undergoing intense uranium exploration and development in Saskatchewan. Additional prospective acreage is being acquired by farm-in.

Work was also carried out on uranium and base metal prospects in British Columbia, Ontario and Newfoundland, and geological programmes commenced in the Yukon

During 1979, an increasing amount of drill testing for uranium will be carried out in the Northwest Territories and Alberta.

1978 was Canadian; the transportation cost between Toronto and Montreal was paid by the Federal Government, thereby equalizing the cost of crude oil in the two centres. The crude oil processed at Montreal and Trafalgar Refineries included 20,000 barrels per day from the United States which was acquired in exchange for Canadian crude shipped to refiners in the United States Northern Tier.

Energy consumption per barrel of crude oil processed was reduced by a further 3 per cent in 1978; contributing to this saving — and also to reduced hydrocarbon emissions into the air — was the installation, at Montreal Refinery, of new 'floating' roofs on light oil storage tanks. This programme is being continued in 1979.

The Company received the Quebec Government's approval to proceed with installation of a water-effluent quality improvement system at Montreal Refinery. The system, patented by the BP Group, consists of sand filters, bio-filters and a new holding basin.

Supply and Refining

ombined throughput at BP's two refineries in 1978 averaged 112,800 barrels per day, equivalent to about 72 per cent of capacity. The decrease in throughput of some 15,000 barrels per day from the 1977 level was due mainly to the termination of an agreement to process for another company.

On July 1, the government-controlled wellhead price for Alberta crude oil was increased by \$1.00 per barrel. A previously-agreed increase of a further \$1.00, due to take effect on January 1, 1979, was postponed until July 1, 1979.

Although the members of the Organization of Petroleum Exporting Countries (OPEC) did not increase their crude oil prices in 1978, the continuing decline in the value of the Canadian dollar meant that by the end of the year domestic crude oil was still being sold in central Canada at about \$3.30 per barrel below the international price. In December 1978 OPEC announced a series of increases in crude oil prices in 1979, starting with 74 cents per barrel on January 1. By October 1, the accumulated increase will amount to \$1.84 per barrel or 14.5 per cent. Canadian importers of crude oil and petroleum products continued to be compensated by the Federal Government for that portion of the cost of the more-expensive foreign oil which they were not permitted to recover from the market.

About four-fifths of the crude oil processed at Montreal Refinery in



Total crude oil processed (thousands of barrels per day)

121.7

128.2

127.7

112.8

Storage tanks at Montreal Refinery which were converted during the year by adding an internal 'floating' roof to reduce vapour emissions. The conversion programme, intended to conserve energy and further reduce atmospheric pollution, will continue through 1979.

A BP videotaping crew films pump maintenance work for use in training marketing personnel.

Throughout the year, BP refueled Air Canada planes at Toronto International Airport



Marketing

In the face of continued slow growth in demand for petroleum products, the Company again concentrated on reducing costs in its marketing activities throughout Quebec and Ontario.

The number of BP retail outlets was further reduced, to some 1,700 at year end, but the proportion of self-service outlets was slightly higher than in 1977, reaching 13 per cent of the total. The industry's gasoline sales through self-service outlets in the two provinces remained at about 40 per cent of the retail market.

After reaching a low point during the summer months, margins on motor fuels were on a firming trend as the year ended.

A new grade of gasoline, BP Super No-Lead, began replacing leaded premium gasoline in November. Increasing numbers of cars require unleaded fuel, and a significant proportion of them demand a higher octane rating than is provided by regular unleaded gasoline. The new product is formulated to meet the needs of these automobiles, while still being acceptable to most of the older vehicles which had been using leaded premium. By year end, BP Super No-Lead was available at some 75 per cent of the Company's retail outlets.

Sales of BP petroleum products rose by 3 per cent, with notable increases in aviation fuels (44 per cent) and asphalt (17 per cent). The installation, at year end, of a new asphalt blender at Montreal Terminal enables a wider range of



BP pioneered the use of mobile 200-gallon containers as a service to customers using large quantities of motor oil.



Sales of thousa	of gasoli ands of b	ne parrels pe	r/day)				e distilla parrels pe		
46.1	47.6	48.6	51.9	53.2	24.7	26.4	26.3	,25.2	25.5
1974	1975	1976	1977	1978	1974	1975	1976	1977	1978
Sales of thousa	of other pands of b	products parrels pe	r day)		Total s (thousa	ales of pands of b	petroleur parrels pe	n produc er day)	cts
26.4	30.3	30.6	30.5	32.3	97.2	104.3	105.5	107.6	111.0

viscosities to be offered. The sale of marine lubricants was expanded at Vancouver and ships' bunkering was initiated on the West Coast.

With the petroleum industry's change to the metric system of measurement scheduled to take place during the years 1979 and 1980, BP's marketing preparations were completed in 1978 and the retailing of gasoline in litres started in February 1979.

A display was set up at Company locations to inform employees and visitors about PACE (Petroleum Association for Conservation of the Canadian Environment), of which BP was a founding member.

Company-sponsored French courses were given throughout the year at Montreal Refinery.





Corporate Affairs

In December, the twenty-fifth anniversary of BP's entry into the Canadian oil industry was celebrated with a Silver Jubilee edition of the employee magazine "Rendez vous", while BP Shield International, the BP Group's house journal, published a special Canadian issue. In addition, an attractive ashtray was presented to employees, dealers, agents and other business associates of the Company to mark the occasion.

The number of direct employees rose above 4,000 for the first time, with an increase in staff numbers in the western provinces more than offsetting a small reduction in eastern Canada.

A considerable number of improvements were announced to the Company's Employee Benefit Programme, which came into effect at the beginning of 1979. Among the changes, employees now have the option of retiring on full pension at age 62, the Company's contribution to the Employees' Savings Plan has been increased and the vesting period shortened, and a dental insurance scheme has been introduced.

Within its corporate donations programme, BP continued to support the United Appeal campaigns because of their effectiveness in



replacing a multiplicity of small, local fund-raising activities. About half of the total 1978 donations budget was allocated to health and welfare causes and United Appeals received more than half of that amount.

In Quebec, the Company continued the work required to meet the provisions of the Charter of the French Language, and in August obtained its provisional francisation certificate.

BP films were in heavy demand throughout the year and were shown to more than 19,000 community groups. Many of the films were made available in British Columbia for the first time.

\$3.7 million over 1977

Financial Review

Consolidated net income for 1978 was \$37.3 million or 1.77 per common share, a decrease of 7.5% from the comparative 1977 earnings of 40.3 million.

As indicated in note 6 to the consolidated financial statements, the Company has in 1978 adopted the recommendation of The Canadian Institute of Chartered Accountants related to accounting for capital leases other than leases pertaining to the right to explore for or exploit natural resources. The net after tax effect of this change was to reduce consolidated net income in 1978 by \$288,000.

The consolidated net income represents a rate of return on average capital employed of 8.0% compared to 9.3% in 1977.

Revenue from gross sales and services was \$842.3 million, an increase of 14.3%

compared to \$737.2 million in 1977.

Expenses rose by 18.2% to \$687.9 million, principally as a result of higher costs of purchased crude oil, the impact of inflation on expenses, increased provision for depletion and higher research and mineral exploration costs written off. Federal sales, excise, municipal and other taxes, royalties and provision for income taxes totalling \$180.7 million, were down 2.8% from 1977; included in this figure are provincial royalties of \$48.8 million, which increased by 9.2%. Direct taxes on petroleum products collected on behalf of provincial governments amounted to \$139.8 million, an increase of

Capital expenditure in 1978 was \$62.9 million, compared to \$75.5 million in 1977. This expenditure included \$0.3 million in 1978 and \$0.9 million in 1977 expended by others to earn an interest in the Company's acreage on the Labrador Shelf. A breakdown of this expenditure is as follows:

	1978	1977
	(millions of doll	ars)
Resource exploration & development	\$52.8 7.3 2.8	\$59.9 10.8 4.8
planta de la constanta de la c	\$62.9	\$75.5

Included in the resource exploration and development expenditure in 1977 is \$25 million paid for the acquisition of coal licences in northeastern British Columbia.

In 1978, repayment of long term debt amounted to \$10.1 million, \$10.6 million was paid in dividends and provision for deferred income taxes was \$11.6 million.

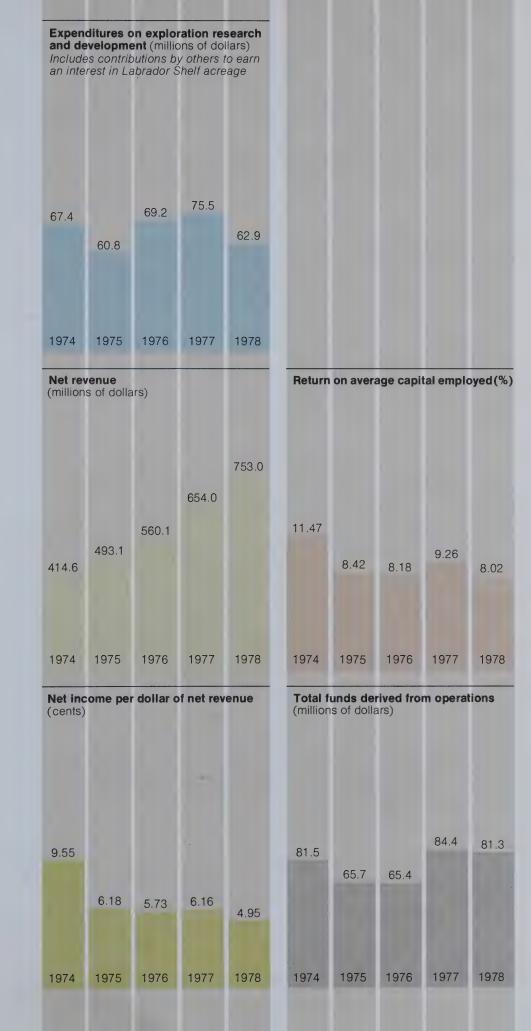
Funds derived from operations amounted to \$81.3 million, a decrease of \$3.2 million from 1977. These funds, together with other cash flow of \$9.9 million, were sufficient to finance net capital expenditure, repayment of long term debt, dividend payments and an increase in net working capital of \$9.4 million.

The following supplementary information relates to the Company's segments:

	1978	1977
	(millions	of dollars)
Net sales & services Exploration & Production	\$ 92.5 711.1	\$ 84.8 615.1
Less: 10.04 % 10.00 Miles	803.6	699.9
Crude oil sales from own production	53.8	, 48.8
	\$749.8	\$651.1
Operating profit Exploration & Production	\$ 57.3 10.2	\$ 54.2 22.3
Net corporate financial expense Elimination of unrealised profit in closing inventories	67.5 (2.5)	76.5 (2.4) (1.9)
Income before income taxes	65.1	72.2 31.9
Net income for the year	\$ 37.3	\$ 40.3
Depreciation, depletion, amortization and research & mineral exploration costs written off		
Exploration & Production	\$ 17.6 18.2	\$ 14.8 18.1
	\$ 35.8	\$ 32.9
Identifiable assets Exploration & Production	35.2	\$200.1 409.6 29.3 19.2 \$658.2

The impact of inflation cannot be adequately reflected in the Company's financial statements which are prepared in accordance with generally accepted accounting principles on the historical cost basis. Thus the Consolidated Statement of Income reflects transactions at their historical costs, which in some cases differ significantly from current values. In order to better demonstrate the effects of inflation The Canadian Institute of Chartered Accountants promulgated guidelines for the effects of changes in the general purchasing power of money by restating historical cost financial statements using a single price index. Consolidated net income, restated on this basis, was \$16.9 million or \$0.80 per common share compared to \$37.3 million or \$1.77 per common share as reported on the basis of historical cost. Similarly the return on average capital employed after restatement is computed at 3.0% as against 8.0% on an historical cost basis.

As recorded in the Summary of Accounting Policies, the Company follows the ''full cost'' basis of accounting for its oil and gas activities. Had accounting been on the ''successful efforts'' basis it is estimated that consolidated net income for 1978 would have been reduced by approximately 11% and that retained earnings at the end of 1978 would have been reduced by approximately 16%.



Summary of accounting policies

The principal accounting policies of BP Canada Limited are as follows:

Investment in subsidiary companiesThe consolidated financial statements include the accounts of subsidiary companies, all of which are wholly-owned. When a business is purchased, assets including goodwill and liabilities are recorded at their fair values at the date of acquisition and depreciation, depletion and amortization from that date are based on these values.

Property, plant and equipment; depreciation, amortization and depletion

Refining, marketing and production assets

Property, plant and equipment includes the cost of land and facilities, assets under capital leases based on the present value of the future net minimum lease payments and of significant improvements thereto. Generally, depreciation and amortization are provided on assets on a straight line basis over their estimated useful lives which are as follows:

	Number of years
	Refining Marketing Production
Owned assets:	
Buildings Tanks and pipelines Equipment Automotive equipment	30 10 to 20 15
Assets under capital leases:	
Buildings Equipment Automotive equipment	5 to 10 (13) 5 to 10

Exploration and development costs

The full cost method of accounting is used, whereby all costs related to the exploration for and the development of oil and gas reserves are capitalized, whether related to productive or non-productive properties. Proceeds received from the disposal of properties are credited against the costs, and the net costs, except as noted below, are amortized by the composite unit of production method based on total estimated proven reserves. Separate cost centres have been established for the Arctic and East Coast offshore activities and costs accumulated in these cost centres are amortized on a straight line basis over the period during which industry activity in each area is expected to continue, presently estimated to be until 1984.

Costs related to mineral exploration, excluding property acquisition costs which are amortized over the terms of the related leases, are charged to income in the year

Coal mining development and property acquisition costs are capitalized during the pre-production phase. Amortization will begin at the commencement of commercial production.

Research costs

In 1976, the Company established a field project to produce heavy oil from the Company's deposits in Alberta, the capital cost of which is to be amortized on a straight line basis over the project's planned ten year life. Other research costs are charged to income in the year incurred.

Inventories

Inventories of crude oil, refined products and merchandise are valued at the lower of cost (determined on a first-in first-out basis, which for manufactured refined products is based on the average cost of manufacture for the year) and net realizable value.

Sales and services

Sales and fuel taxes collected for the provincial governments have been excluded from sales and services revenue.

The Company purchases large volumes of crude oil from other producers, and sells to other companies in the oil industry whatever of its own net production and purchases is not required for its own refineries. The Company's practice is to apply crude oil sales to reduce crude oil purchases and thus exclude such transactions from both net sales and services and costs. The income statement, however, shows the Company's own production of crude oil at market value as a deduction from gross sales and services.

Income taxes

The Company provides for income taxes on the tax allocation basis of accounting under which the provision for income taxes is computed on the basis of income reported in the financial statements rather than that reported in the Company's tax returns. Taxes provided on income deferred for tax purposes by claiming deductions greater than the related charges in the accounts are reflected as deferred income taxes in the consolidated balance sheet.

Foreign currency translation

Amounts in currencies other than Canadian dollars have been translated as follows: Current assets and current liabilities — at the rate of exchange prevailing at the year end; long term debt — at the rate of exchange prevailing at the date the debt was incurred; revenues and expenses — at rates prevailing throughout the year.

Consolidated Statement of Income

for the year ended December 31, 1978

BP Canada Limited		and the second second
	1978	1977
	(thousand <mark>s</mark>	of dollars)
Revenue: Gross sales and services (including crude oil sales from own production) Less:	\$842,291	\$737,200 (37,358)
Federal sales taxes Crude oil sales from own production	(38,710) (53,766)	(48,769)
Net sales and services	749,815 3,178	651,073 2,901
	752,993	653,974
Expenses: Purchased crude oil, products and merchandise. Operating and administration	491,259 154,902 21,397 12,016 2,403 5,905 687,882	397,823 145,126 21,019 10,857 984 5,975
Income before income taxes	65,111	72,190
Income taxes (note 5): An analysis (a) Current	16,250 11,600 27,850	17,500 14,400 31,900
Net income for the year	\$ 37,261	\$ 40,290
Net income per common share (dollars)	\$ 1.77	\$ 1.91

Consolidated Statement of Retained Earnings

for the year ended December 31, 1978

BP	Canac	la l	_imi	ted
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	1978	1977	
	(thousands of dollars)		
Balance, beginning of the year	\$178,671 37,261	\$147,896 40,290	
	215,932	188,186	
Dividends:			
Common shares	10,537 58	9,455 60	
	10,595	9,515	
Balance, end of the year	\$205,337	\$178,671	

See accompanying notes and summary of accounting policies

Consolidated Statement of Changes in Financial Position

for the year ended December 31, 1978

BP Canada Limited

	1978	1977
Funds derived from:	(thousands	of dollars)
Net income for the year	\$ 37,261	\$ 40,290
depletion Deferred income taxes Profit on redemption of long term debt . Other	11,600	31,876 14,400 (649) (1,490)
Total funds derived from operations	. 81,263	84,427
Proceeds on sale of property, plant and equipment Long term borrowing Issues of common shares Other	5,068 1,279	4,330 1,345 57 1,224
Total funds derived	. 91,129 () () () () ()	91,383
Funds applied to: Expenditures for property, plant and equipment	%	75,500
Less: Contribution by others (note 1) Research and mineral exploration costs written off		(922) (984)
	60,188	73,594
Repayments of long term debt	10,595	7,227 9,515 —
Total funds applied	81,774	90,336
Increase in working capital	. <u>.</u>	1,047
Working capital, beginning of the year	105,006	103,959
Working capital, end of the year	\$114,361	\$105,006

See accompanying notes and summary of accounting policies

Consolidated Balance Sheet

December 31, 1978

Assets	1978	1977	
	(thousands of dollars)		
Current: Cash and short term investments, at cost which approximates market	126,313 116,342	\$ 11,244 116,740 115,614	
Prepaid expenses and deposits		2,694	
Total current assets	271,293	246,292	
Investments and advances: Investments in other companies, at cost Mortgages, loans and other assets	3,310 5,512	3,431 4,997	
Total investments and advances	8,822	8,428	
Property, plant and equipment, at cost less accumulated depreciation, amortization and depletion (note 1)	427,402	403,455	
	\$707,517	\$658,175	

On behalf of the board:

D.F. Mitchell, Director

M. Sauvé, Director

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Liabilities and Shareholders' Equity	1978	1977
	(thousands of	dollars)
Current: Accounts payable and accrued liabilities Income and other taxes payable Current maturities of long term debt	\$127,370 23,318 6,244	\$113,619 25,514 2,153
Total current liabilities	156,932	141,286
Long term debt (note 3)	69,789	75,588
Deferred income taxes	89,000	77,400
Shareholders' equity: Capital stock (note 4)	186,459 205,337	185,230 178,671
	391,796	363,901
	\$707,517	\$658,175

See accompanying notes and summary of accounting policies

Notes to consolidated financial statements

December 31, 1978

1. Property, plant and equipment		1978		
	Investment at cost	Accumulated depreciation, amortization and depletion	Net investment	Net investment
	(thousands of d	ollars)	
Exploration and production	\$353,869 181,613 166,587 35,222	\$151,263° 90,666 72,078	* \$202,606 90,947 94,509 35,222	\$174,648 95,784 99,025 29,269
capital leases	10,656	6,538	4,118	4,729
	\$747,947	\$320,545	\$427,402	\$403,455

^{*}Includes depletion of \$117,545,000

Two companies have agreed to contribute an aggregate of \$38,000,000 for an exploration programme on the Company's acreage off the coast of Newfoundland to earn 55% of the Company's interest in that acreage. One of the companies has fulfilled its commitment of \$25,000,000 and the other has contributed \$5,738,000 out of a total of \$13,000,000. Expenditures incurred subsequent to fulfillment of the companies' respective contributions will be shared with the Company in proportion to the respective interests in the lands.

2. Coal interests - northeastern British Columbia

In 1977 the Company acquired interests in certain coal licences in northeastern British Columbia for a purchase price of \$30,000,000, of which \$5,000,000 will be paid conditional upon completion of certain railroad and port facilities to be installed by other parties. The Company also has entered into an agreement with BP Canadian Holdings Limited, which owns approximately 65% of the issued common shares of the Company, under which BP Canadian Holdings Limited was assigned a 50% working interest in the Company's interest in the property, and undertook to pay one-half of the acquisition and development costs. Under this agreement, the Company will initially contribute 100% of such costs until one-half of the estimated total costs has been incurred, thereafter, BP Canadian Holdings Limited will pay their half of such project costs.

During 1978 the Company expended \$5,960,000 on exploration, equipment, studies relating to the development of the property and on administrative costs. The plan to bring the property into production is now in the final stages of preparation. This plan envisages a start-up in 1981, with production reaching one million tons per annum in 1983 at a total estimated further cost of \$75,000,000. If this plan is approved it is estimated that the cost to be incurred by the Company in 1979 will be approximately

\$16,000,000.

	1977
(thousands of dollar	s)
BP Canada Limited	
6% Sterling loan maturing in 1983 (\$4,288,000 at 1978 year end exchange rate) 7%% U.S. dollar Series A debentures, maturing February 15,,1993 (\$26,098,000 at 1978 year end	\$ 5,361
exchange rate)	21,906
81/4% Series B debéntures, maturing February 15, 1993	22,000
Subsidiary of BP Canada Limited:	
BP Oil Limited —	
5½% first mortgage sinking fund bonds Series A, maturing March 15,1979	4,048
5%% sinking fund debentures Series A, maturing October 1, 1986	19,303 4,729 394
Subsidiary of BP Oil Limited:	
BP Exploration Canada Limited — Other 4,085	_
76,033	77,741
Long current maturities in all ded in	
Less current maturities included in current liabilities	2,153
\$69,789	\$75,588

Total future minimum lease payments under capital leases extending over various periods to 1997 amount to \$6,414,000 of which \$1,761,000 represents interest at incremental borrowing rates ranging from 6% to 9%.

Repayment and sinking fund requirements, excluding obligations under capital leases, during the four years subsequent to December 31, 1979 are as follows:

1980 — \$2,054,000 1981 — \$4,039,000 1983 — \$4,503,000

4. Capital stock	1978	1977
Authorized: 11,410 5% cumulative redeemable sinking fund preference shares of \$100 par value	(thousands	of dollars)
each redeemable for \$103 or at par for sinking fund purposes (11,912 in 1977)		
Issued: 11,410 5% cumulative redeemable sinking fund preference shares (11,912 in 1977)	\$ 1,141	\$ 1,191
21,127,523.8 common shares (21,016,023.8 in 1977)	185,318	184,039
	\$186,459	\$185,230

At December 31, 1978 options were outstanding to officers and employees to purchase 185,500 common shares at a price of \$11.47½ exercisable annually to June 9, 1980 and to purchase 48,000 common shares at a price of \$13.05 exercisable annually from June 20, 1979, to June 19, 1983. During the year options on 111,500 shares were exercised.

The Company redeemed for cash 502 preference shares during 1978. Subsequent to year end the Company has given notice that it will redeem on March 26, 1979 all of the remaining outstanding preference shares for \$103 per share plus accrued dividends to that date.

5. Income taxes

Deferred income taxes result from timing differences in recognition of income and expenses for income tax and financial statement purposes. The sources of these differences and the tax effect of each were as follows:

	1978	1977
Capital cost allowance claimed for income tax purposes in excess of	(thousands of dollars)	
depreciation and amortization Depletion allowance claimed for income tax purposes in excess of that claimed	\$ 2,619	\$ 5,682
for accounting purposes	13,800 (4,819)	7,200 1,518
	\$11,600	\$14,400

Total income tax expense was \$27,850,000 in 1978 and \$31,900,000 in 1977, effective rates of 43% and 44% on income before income taxes respectively. Such income tax expense varies from the amounts that would be computed by applying the Canadian federal and provincial income tax rates of 47% and 46% to income before income taxes for the following reasons:

		1978		1977
		(thousands	of dollars)	
		% of pretax income		% of pretax income
Computed income tax expense	\$30,842	. 1 49% 47	\$33,315	46
Non-deductible royalties, mineral taxes and other expense, less federal resource allowance and provincial rebates Income tax depletion Inventory allowance Other	5,628 (6,657) (1,637) (326)	9 (10) (2) (1)	4,296 (3,870) (1,439) (402)	6 (5) (2) (1)
Income tax expense	\$27,850	43	\$31,900	44

6. Change in Accounting practice

In 1978 the Company adopted the recommendation of the Canadian Institute of Chartered Accountants related to accounting for leases. Net investment in assets under capital leases and related obligations of \$4,653,000 at December 31, 1978 (\$4,729,000 at December 31, 1977) have been recorded in the accounts. This change has been applied retroactively although the prior year's net income and retained earnings have not been restated since the effect on that year and the accumulated effect to January 1, 1977 are not significant.

7. Pension plans

Based on the latest actuarial valuation of the pension plans as at December 31, 1977 all liabilities were fully funded by assets held by the trustees.

8. Other information

The aggregate direct remuneration of the directors and senior officers of the Company was \$799,000 in 1978.

The principal operating subsidiaries of the Company are BP Oil Limited and BP Exploration Canada Limited.

Total rentals under operating leases expiring more than three years after the year end amounted to approximately \$22,000,000 of which \$2,000,000 is payable in 1979.

9. Anti-inflation program

Under the Anti-inflation legislation the Company was required to comply with controls on prices and profit margins to December 31, 1978 (other than those in respect of crude oil and natural gas which are controlled under the Petroleum Administration Act), and on employee compensation to various dates ended on December 31, 1978.

10. Statement presentation

The 1977 comparative figures have been restated to conform to the presentation adopted in the current year.

Auditors' Report

To the Shareholders of BP Canada Limited:

We have examined the consolidated balance sheet of BP Canada Limited as at December 31, 1978 and the consolidated statements of income, retained earnings and changes in financial position for the year then ended. Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests and other procedures as we considered necessary in the circumstances.

In our opinion, these consolidated financial statements present fairly the financial position of the company as at December 31, 1978 and the results of its operations and the changes in its financial position for the year then ended in accordance with generally accepted accounting principles applied on a basis consistent with that of the preceding year after giving retroactive effect to the change in accounting practice relating to capital leases.

Montreal, Canada, February 26, 1979.

Chartered Accountants

Clarkson, Gordon do.

Five year operating summary

(barrels per calendar day except natural gas)

	1978	1977	1976	1975	1974
Refined product sales Crude oil processed at	111,011	107,552	105,529	104,310	97,164
refineries	112,778	127,723	128,246	121,693	106,921
Gross sales of crude oil and natural gas liquids Gross sales of natural gas	20,464	22,128	21,349	22,827	28,492
(thousands of cubic feet per day)	109,535	122,685	104,926	100,945	101,043

Five year financial summary

(dollars in thousands except per share amounts)

	1978	1977	1976	1975	1974
Balance sheet					
Current liabilities	\$271,293 156,932	\$246,292 141,286	\$210,673 106,714	\$212,083 102,875	\$222,723 129,895
Working capital	114,361	105,006	103,959	109,208	92,828
Investments and advances	8,822	8,428	9,980	10,584	15,206
Property, plant and equipment-net	427,402	403,455	364,108	334,726	322,038
Capital employed Deduct: Long term debt Deferred	550,585 69,789	516,889 75,588	478,047 81,951	454,518 88,594	430,072 99,019
income taxes	89,000	77,400	63,000	56,100	43,200
Shareholders' equity Per common share	391,796 \$18.49	363,901 \$17.26	333,096 \$15.80	309,824 \$14.68	287,853 \$13.63
Income Net revenue	752,993 687,882	653,974 581,784	560,062 505,950	493,149 438,869	414,550 343,576
Income before income taxes	65,111 27,850	72,190 31,900	54,112 22,000	54,280 23,800	70,974 31,400
Net income for the year	\$ 37,261	\$ 40,290	\$ 32,112	\$ 30,480	\$ 39,574
Total funds derived from operations	\$ 81,263	\$ 84,427	\$ 65,447	\$ 65,679	\$ 81,453
Per common share					

\$1.77

\$.49

\$1.91

\$1.53

\$.40

\$1.45

\$.38

\$1.88

\$.233/4

Net income for the year...

Dividends paid

R.M. Fowler, O.C., LL.D., Honorary Chairman

Board of Directors

R.W. Adam — London, England A Managing Director, The British Petroleum Company Limited

Sir Eric Drake, C.B.E. — London, England

P. J. Gillam — London, England Director, BP Trading Limited

R.W.D. Hanbidge — Montreal President, BP Canada Limited

F.A. McKinnon, D.U.C. - Calgary

D.F. Mitchell — Montreal Chairman and Chief Executive Officer BP Canada Limited

M.M. Pennell, C.B.E. — London, England Deputy Chairman and a Managing Director, The British Petroleum Company Limited

Charles Perrault — Montreal President, Perconsult Limited

The Hon. M. Sauvé, P.C. — Montreal Vice-President, Administrative and Public Affairs, Consolidated-Bathurst Inc.

D.C. Smith — Montreal Vice-President, Finance, and Treasurer, BP Canada Limited

G. Meredith Smith - Montreal

P.N.T. Widdrington — London, Ontario President and Chief Executive Officer, John Labatt Limited

Officers

D.F. Mitchell, Chairman and Chief Executive Officer

R.W.D. Hanbidge, President

J.A. Barclay, Vice-President, Supply and Refining

E.W. Best, Vice-President, Exploration and Production

D.A. Deverell, Vice-President, Marketing

J. Langelier, Q.C., Vice-President, Legal, and Secretary

D.C. Smith, Vice-President, Finance, and Treasurer

K. Healy, Assistant Secretary

J.I. Rawlinson, Assistant Secretary

K.T. Allison, Assistant Treasurer

F.D. Pynn, Assistant Treasurer

W.A. Melrose, Assistant Treasurer

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Executive Office

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BP Minerals 1199 Pender Street West Vancouver, British Columbia

25 Adelaide Street East Toronto, Ontario

BP House, Don Mills 240 Duncan Mill Road Don Mills, Ontario

RefineriesMontreal Refinery
Ville d'Anjou, Quebec

Trafalgar Refinery Oakville, Ontario

Sales Offices Province of Quebec Montreal Quebec City Sherbrooke

Province of Ontario
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Chatham
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